

PTO/SB/05 (03-01)  
Approved for use through 10/31/2002. OMB 0651-0032

| UTILITY<br>PATENT APPLICATION<br>TRANSMITTAL<br>(Only for new nonprovisional applications under 37 CFR 1.53(b))   |  | Attorney Docket No.<br>T3521-908181US01   |  |
|---|--|---|--|
| First Inventor<br>Allan A. NOSTWICK   |  |   |  |
| Title<br>VARIABLE FREQUENCY HALF BRIDGE DRIVER  | Express Mail Label No.   |   |  |
| APPLICATION ELEMENTS<br>See MPEP chapter 600 concerning utility patent application contents.  |  |   |  |
| ADDRESS TO: Commissioner for Patents<br>Mail Stop: Patent Application<br>P.O. Box 1450<br>Alexandria, VA 22313-1450   |  |   |  |
| <table border="0"><tr><td style="vertical-align: top;"><p>1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17)<br/>(Submit an original and a duplicate for fee processing)</p><p>2. <input checked="" type="checkbox"/> Applicant claims small entity status.<br/>See 37 CFR 1.27.</p><p>3. <input checked="" type="checkbox"/> Specification [Total Pages 21]<br/>(preferred arrangement set forth below)</p><ul style="list-style-type: none"><li>- Descriptive title of the invention</li><li>- Cross Reference to Related Applications (if applicable)</li><li>- Statement Regarding Fed sponsored R &amp; D (if applicable)</li><li>- Reference to sequence listing, a table, or a computer program listing appendix (if applicable)</li><li>- Background of the Invention</li><li>- Brief Summary of the Invention</li><li>- Brief Description of the Drawings (if filed)</li><li>- Detailed Description</li><li>- Claim(s)</li><li>- Abstract of the Disclosure</li></ul><p>4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets 4]</p><p>5. Oath or Declaration [Total Page 1]</p><p>a. <input checked="" type="checkbox"/> Newly executed (original or copy)</p><p>b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d))<br/>(for continuation/divisional with Box 18 completed)</p><p>i. <input type="checkbox"/> <u>DELETION OF INVENTOR(S)</u><br/>Signed statement attached deleting inventor(s)<br/>named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)</p><p>6. <input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76</p></td><td style="vertical-align: top;"><p>7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)</p><p>8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)</p><p>a. <input type="checkbox"/> Computer Readable Form (CRF)</p><p>b. 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| <p>18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:</p> <p><input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior application No.: _____</p> <p>Prior application information: Examiner _____ Group / Art Unit: _____</p> <p>For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.</p>  |  |   |  |
| <b>19. CORRESPONDENCE ADDRESS</b>   |  |   |  |
| <input checked="" type="checkbox"/> Customer Number or Bar Code Label   |  |   |  |
| 000181  |  |   |  |
| or <input type="checkbox"/> Correspondence address below  |  |   |  |
| Name  |  |   |  |
| Address   |  |   |  |
| City  | State  | Zip Code  |  |
| Country   | Telephone  | Fax   |  |
| Name (Print/Type)   | Jason H. Vick  | Registration No. (Attorney/Agent)   | 45,285   |
| Signature   |  | Date  | March 4, 2004  |



13281 US-PTO

# FEE TRANSMITTAL FOR FY 2003

Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT \$474.00

Complete if Known

|                      |                   |
|----------------------|-------------------|
| Application Number   | Not Yet Assigned  |
| Filing Date          | March 4, 2004     |
| First Named Inventor | Allan A. NOSTWICK |
| Examiner Name        | Not Yet Assigned  |
| Art Unit             | Not Yet Assigned  |
| Attorney Docket No.  | T3521-908181US01  |

## METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit Account Number 50-1165 (T3521-908181US01)

Deposit Account Name Miles & Stockbridge, P.C.

The Commissioner is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s) during the pendency of this application

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

### 1. BASIC FILING FEE

| Large Entity Fee Code | Large Entity Fee (\$) | Small Entity Fee Code | Small Entity Fee (\$) | Fee Description        | Fee Paid |
|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|----------|
| 1001                  | 770                   | 2001                  | 385                   | Utility filing fee     | 385.00   |
| 1002                  | 340                   | 2002                  | 170                   | Design filing fee      |          |
| 1003                  | 530                   | 2003                  | 265                   | Plant filing fee       |          |
| 1004                  | 770                   | 2004                  | 385                   | Reissue filing fee     |          |
| 1005                  | 160                   | 2005                  | 80                    | Provisional filing fee |          |

SUBTOTAL (1) \$385.00

### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims 21 -20\*\* = 1 X 9 = \$9.00

Independent Claims 3 -3\* = 0 X 42 = 0

Multiple Dependent X =

| Large Entity Fee Code | Large Entity Fee (\$) | Small Entity Fee Code | Small Entity Fee (\$) | Fee Description  |
|-----------------------|-----------------------|-----------------------|-----------------------|--|
| 1202                  | 18                    | 2202                  | 9                     | Claims in excess of 20                                     |
| 1201                  | 84                    | 2201                  | 42                    | Independent claims in excess of 3                          |
| 1203                  | 280                   | 2203                  | 140                   | Multiple dependent claim, if not paid                      |
| 1204                  | 84                    | 2204                  | 42                    | ** Reissue independent claims over original patent         |
| 1205                  | 18                    | 2205                  | 9                     | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) \$9.00

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

| Large Entity Fee Code | Large Entity Fee (\$) | Small Entity Fee Code | Small Entity Fee (\$) | Fee Description  |
|-----------------------|-----------------------|-----------------------|-----------------------|--|
| 1051                  | 130                   | 2051                  | 65                    | Surcharge - late filing fee or oath  |
| 1052                  | 50                    | 2052                  | 25                    | Surcharge - late provisional filing fee or cover sheet                     |
| 1053                  | 130                   | 1053                  | 130                   | Non-English specification  |
| 1812                  | 2,520                 | 1812                  | 2,520                 | For filing a request for ex parte reexamination                            |
| 1804                  | 920*                  | 1804                  | 920*                  | Requesting publication of SIR prior to Examiner action                     |
| 1805                  | 1,840*                | 1805                  | 1,840*                | Requesting publication of SIR after Examiner action                        |
| 1251                  | 110                   | 2251                  | 55                    | Extension for reply within first month                                     |
| 1252                  | 420                   | 2252                  | 210                   | Extension for reply within second month                                    |
| 1253                  | 950                   | 2253                  | 475                   | Extension for reply within third month                                     |
| 1254                  | 1,480                 | 2254                  | 740                   | Extension for reply within fourth month                                    |
| 1255                  | 2,010                 | 2255                  | 1,005                 | Extension for reply within fifth month                                     |
| 1401                  | 330                   | 2401                  | 165                   | Notice of Appeal   |
| 1402                  | 330                   | 2402                  | 165                   | Filing a brief in support of an appeal                                     |
| 1403                  | 290                   | 2403                  | 145                   | Request for oral hearing   |
| 1451                  | 1,510                 | 1451                  | 1,510                 | Petition to institute a public use proceeding                              |
| 1452                  | 110                   | 2452                  | 55                    | Petition to revive - unavoidable   |
| 1453                  | 1,330                 | 2453                  | 665                   | Petition to revive - unintentional   |
| 1501                  | 1,330                 | 2501                  | 665                   | Utility issue fee (or reissue)   |
| 1502                  | 480                   | 2502                  | 240                   | Design issue fee   |
| 1503                  | 640                   | 2503                  | 320                   | Plant issue fee  |
| 1460                  | 130                   | 1460                  | 130                   | Petitions to the Commissioner  |
| 1807                  | 50                    | 1807                  | 50                    | Processing fee under 37 CFR 1.17(q)  |
| 1806                  | 180                   | 1806                  | 180                   | Submission of Information Disclosure Stmt                                  |
| 8021                  | 40                    | 8021                  | 40                    | Recording each patent assignment per property (times number of properties) |
| 1809                  | 770                   | 2809                  | 385                   | Filing a submission after final rejection (37 CFR 1.129(a))                |
| 1810                  | 770                   | 2810                  | 385                   | For each additional invention to be examined (37 CFR 1.129(b))             |
| 1801                  | 770                   | 2801                  | 385                   | Request for Continued Examination (RCE)                                    |
| 1802                  | 900                   | 1802                  | 900                   | Request for expedited examination of a design application                  |

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) \$80.00

## CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, Washington, DC 20231, on

Name:

## SUBMITTED BY

Name (Print/Type) Jason H. Vick

Signature

Registration No. 45,285

(Attorney/Agent)

Complete (if applicable)

Telephone 703-903-9000

Date March 4, 2004